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## Material Safety Data Sheet

00-0602-3-0771

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### SECTION I - Material Identity

Item Name	
Part Number/Trade Name	TURCO 4460 SOLVENT COMPOUND
National Stock Number	6810PT-4460BK
CAGE Code	61102
Part Number Indicator	A
MSDS Number	186960
HAZ Code	B

### SECTION II - Manufacturer's Information

Manufacturer Name	TURCO PRODUCTS, INC (DIV OF ELF ATOCHEM NORTH AMER
Street	2000 MARKET STREET
City	PHILADELPHIA
State	PA
Country	US
Zip Code	19103
Emergency Phone	800-424-9300 CHEMTREC
Information Phone	215-419-7890 EMER 202-483-7616

### MSDS Preparer's Information

Date MSDS Prepared/Revised	23JAN95
Active Indicator	N

**Alternate Vendors**

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**SECTION III - Physical/Chemical Characteristics**

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Hazard Storage Compatibility Code	NR
Net Propellant Weight (Ammo)	NR
Appearance/Odor	WATER-WHITE CLEAR LIQUID, ESTER/KETONE ODOR
Boiling Point	170 F
Melting Point	NR
Vapor Pressure	37
Vapor Density	> 1 (AIR)
Specific Gravity	0.81
Decomposition Temperature	NR
Evaporation Rate	> 1 (BUAC=!)
Solubility in Water	APPRECIABLE
Percent Volatiles by Volume	NR
Chemical pH	NA
Corrosion Rate	NR
Container Type	R
Container Pressure Code	1
Temperature Code	4
Product State Code	L

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**SECTION IV - Fire and Explosion Hazard Data**

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Flash Point	25
Flash Point Method	TCC
Lower Explosion Limit	NR
Upper Explosion Limit	NR
Extinguishing Media	FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures	USE SELF CONTAINED BREATHING REPIRATORY PROTECTION
Unusual Fire/Explosion Hazards	VAPORS FROM THIS PRODUCT ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO BE IGNITED AT A POINT REMOTE FROM MATERIAL HANDLING AREA

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**SECTION V - Reactivity Data**

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Stability	N/K
Stability Conditions to Avoid	CONTACT WITH STRONG ACIDS, STRONG ALKALIES, STRONG OXIDIZERS

Materials to Avoid	STRONG ACIDS, STRONG ALKALIES, STRONG OXIDIZERS
Hazardous Decomposition Products	THERMAL - MAY PRODUCE CARBON MONOXIDE, DIOXIDE AND OTHER TOXIC VOLATILE ORGANIC COMPOUNDS
Hazardous Polymerization	NR
Polymerization Conditions to Avoid	NR

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## SECTION VI - Health Hazard Data

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Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	IRRITATION OF SKIN, EYES, RESPIRATORY SYSTEM, KIDNEY OR LIVER DAMAGE, CENTRAL NERVOUS SYSTEM DEPRESSION
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE AS DEFINED IN 29CFR 1910-1200, APPENDIX A (1)
Symptoms of Overexposure	[EYE] MODERATE TO SEVERE IRRITATION [SKIN] MODERATE TO SEVERE IRRITATION, DRYING, DEFATTING, READILY ABSORBED THROUGH SKIN IN TOXIC AMOUNTS. [INHAL] VAPORS - MODERATE IRRITATION, DIZZINESS, HEADACHE, POSSIBLE NARCOSIS. MIST - SEVERE RESPIRATORY IRRITATION, NAUSEA, POSSIBLE LUNG DAMAGE. [INGEST] MODERATE TO SEVERE IRRITATION OF THE GASTROINTESTINAL TRACT, NAUSEA
Medical Cond. Aggravated by Exposure	MAY CAUSE KIDNEY OR LIVER DAMAGE. MAY AGGRAVATE ANY PREEXISTING DYSFUNCTION OF THESE SYSTEMS. OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION
Emergency/First Aid Procedures	[EYE] FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. [SKIN] FLUSH AFFECTED AREA WITH LARGE VOLUMES OF WATER. CONTINUE FLUSHING AT LEAST 15 MIN. IF IRRITATION / BLISTERING OCCURS OBTAIN MED ATTN. [INHAL] REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. OBTAIN MED ATTN [INGEST] DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF MED PERSONNEL. IF VOMITING OCCURS , KEEP HEAD BELOW HIP TO REDUCE POSSIBILITY OF ASPIRATION

PNEUMONITIS., IF VICTIM IS  
CONSCIOUS, DILUTE BY GIVING LARGE  
VOLUMES OF MILK OR WATER. OBTAIN  
IMMED MED ATTN

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## SECTION VII - Precautions for Safe Handling and Use

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Steps if Material Released/Spilled	CONTAIN SPILLAGE. STOP LEAK AT SOURCE IF POSSIBLE. VENTILATE AREA. NONESSENTIAL PERSONNEL SHOULD LEAVE THE AREA UNTIL CLEANUP IS COMPLETED. PUMP LIQUID INTO DOT APPROVED DRUMS FOR DISPOSAL. ABSORB REMAINING LIQUID ONTO INERT ABSORBENT AND PLACE IN DOT APPROVED DRUMS FOR DISPOSAL. WASH AREA WITH WATER. COLLECT WASHINGS AND PLACE IN DOT APPROVED DRUMS FOR DISPOSAL. KEEP CONCENTRATE AND WASH WATER FROM ENTERING SEWERS OR WATERWAYS
Neutralizing Agent	NR
Waste Disposal Method	(1) TRANSFER TO RECLAIMING CENTER FOR RECYCLING OR REUSE, IF POSSIBLE. (2) TRANSFER TO LICENSED HAZARDOUS WASTE TREATMENT OR DISPOSAL SITE FOR DISPOOSITION UNDER APPLICABLE LOCAL, STATE AND REGIONAL REGULATIONS AS HAZARDOUS WASTE
Handling and Storage Precautions	STORE IN DRY PROTECTED AREA AWAY FROM STRON OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES. METAL CONTAINERS SHOULD BE FITTED WITH A ACIDS AND STRONG ALKALIES. METAL CONTAINERS SHOULD BE FITTED WITHA A BONDED GROUND WIRE WHEN MATERIAL IS TRANSFERRED. EMPTY CONTAINERS MAY CONTAIN FLAMMABLE VAPORS
Other Precautions	CONTAMINATED WIPE CLOTHS SHOULD BE COLLECTED IN COVERED METAL CONTAINERS TO MINIMIZE POSSIBILITY OF SPONEOUS COMBUSTION

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## SECTION VIII - Control Measures

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Respiratory Protection	NIOSH APPROVED SCBA POSITIVE PRESSURE HOSE MASK OR AN AIR LINE MASK IS ADVISED. THESE SHOULD HAVE A FULL FACE PIECE AND BE OPERATED IN A POSITIVE PRESSURE HOSE MASK OR AN AIR LINE MASK IS ADVISED. THESE SHOULD HAVE A FULL FACE PIECE AND BE OPERATED IN A POSITIVE PRESSURE MODE
Ventilation	MAINTAIN SUFFICIENT MECHANICAL

Protective Gloves	VENTILATION TO KEEP CONCENTRATIONS BELOW TLV
Eye Protection	SOLVENT RESISTENT - NEOPRENE, VITRON,
Other Protective Equipment	GOGGLES
Work Hygienic Practices	PROTECTIVE SUIT NOT NORMALLY REQUIRED
Supplemental Health/Safety Data	WASH HANDS AND FACE WITH SOAP AND WATER BEFORE SMOKING OR EATING IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING. LAUNDER SEPARATELY BEFORE REUSE

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**SECTION IX - Label Data**

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Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	TARGET ORGANS: RESPIRATORY SYSTEM, LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM

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**SECTION X - Transportation Data**

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Container Quantity	55
Unit of Measure	GL

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**SECTION XI - Site Specific/Reporting Information**

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Volatile Organic Compounds (P/G)	6.8008
Volatile Organic Compounds (G/L)	815

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**SECTION XII - Ingredients/Identity Information**

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Ingredient #	01
Ingredient Name	ETHYL ACETATE
CAS Number	141786
Proprietary	NO
Percent	20
OSHA PEL	400 PPM
ACGIH TLV	400 PPM

Ingredient #	02
Ingredient Name	METHYL ISOBUTYL KETONE
CAS Number	108101
Proprietary	NO
Percent	20
OSHA PEL	50 PPM
ACGIH TLV	50 PPM
Ingredient #	03
Ingredient Name	ISOPROPANOL
CAS Number	67630
Proprietary	NO
Percent	10
OSHA PEL	400 PPM
ACGIH TLV	400 PPM
Ingredient #	04
Ingredient Name	TOLUENE
CAS Number	108883
Proprietary	NO
Percent	30
OSHA PEL	100 PPM
ACGIH TLV	50 PPM
Ingredient #	05
Ingredient Name	LIGHT ALIPHATIC NAPHTHA
CAS Number	64742898
Proprietary	NO
Percent	20
OSHA PEL	NE
ACGIH TLV	NE
Ingredient #	06
Ingredient Name	BENZENE (< 0.05%)
CAS Number	71432
Proprietary	NO
Percent	0.05
OSHA PEL	NR
ACGIH TLV	NR

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